

Attachment A

"The Birches"

Title 5, 310 CMR 15.217 Equivalency Calculations

No. Units	Bedrooms	Rate per Day (GPD)	Total Flow Rate (GPD)	Equivalency	Area (Ac) <sup>2</sup>
1	4	110	440	440	0.92
3	2	110	660	660	0.92
16	3	110	5280	660	7.35
			6380		9.18

Total Parcel Area	428,612 <sup>1</sup> SF	=	9.840 Ac
Private driveway (if Roadway)	25,430 SF	=	0.584 Ac
	403,182 SF	=	9.256 Ac

Equivalent Site Area = 9.26 Acres > 9.18 Acres OK

<sup>1</sup> Actual Area (in SF) from ANR Plan recorded at Registry of Deeds

<sup>2</sup> 1 acre = 40,000 square feet per Mass DEP Guidelines for Title 5 Aggregation of Flows and Nitrogen